Title (en)

Method for rapid detection and identification of bioagents

Title (de)

Schnellverfahren zum Nachweis und zur Identifizierung von Bioagentien

Title (fr)

Procédé de détection et d'identification rapides de bioagents

Publication

EP 2311992 A1 20110420 (EN)

Application

EP 10179791 A 20020304

Priority

- EP 02709785 A 20020304
- US 79800701 A 20010302

Abstract (en)

Method for detecting and identifying unknown bioagents, including bacteria, viruses and the like, by a combination of nucleic acid amplification and molecular weight determination using primers which hybridize to conserved sequence regions of nucleic acids derived from a bioagent and which bracket variable sequence regions that uniquely identify the bioagent. The result is a "base" composition signature" (BCS) which is then matched against a database of base composition signatures, by which the bioagent is identified.

IPC 8 full level

C12Q 1/68 (2006.01); **G01N 27/62** (2006.01); **C07H 21/02** (2006.01); **C07K 5/00** (2006.01); **C12N 15/09** (2006.01); **C12P 19/34** (2006.01); **C12Q 1/70** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP US)

C12Q 1/686 (2013.01 - EP US); **C12Q 1/689** (2013.01 - EP US); C12Q 2600/156 (2013.01 - EP US)

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